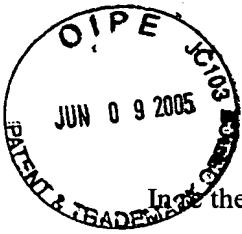


PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Mao

Application No.: 10/650,409

Filed: August 27, 2003

For: AUDIO INPUT SYSTEM

) Group Art Unit: 2644  
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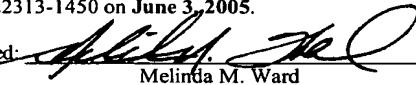
Examiner: Unassigned

Atty. Docket No.: SONYP028

Date: June 3, 2005

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450 on June 3, 2005.

Signed:   
Melinda M. Ward

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§ 1.56 and 1.97. The Examiner is requested to consider these references and to acknowledge such consideration by initialing the attached PTO Form 1449 at the appropriate locations.

Applicants state that each item of information listed in the attached PTO Form 1449 was cited in a communication in a counterpart international application not more than three months prior to the filing of this statement.

Applicant believes no fees are due, however, the Commissioner is authorized to charge any additional fees that may be due to our Deposit Account No. 50-0805 (Order No. SONYP028).

Respectfully submitted,  
MARTINE PENILLA & GENCARELLA, LLP



Michael L. Gencarella, Esq.  
Reg. No. 44,703

710 Lakeway Drive, Suite 200  
Sunnyvale, CA 94085  
Telephone: (408) 749-6900  
Customer Number 25920



Sublict for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
*(Use as many sheets as necessary)*

JUN 09 2005

Sheet

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of

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				<b>Complete if Known</b>	
Application Number	10/650,409				
Filing Date	August 27, 2003				
First Named Inventor	Mao				
Art Unit	2644				
Examiner Name	Unassigned				
Attorney Docket Number	SONYP028				

**U.S. Patent Documents**

Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A		6,339,758	Jan. 15, 2002	Kanazawa et al.	
B					
C					
D					
E					
F					
G					
H					

**Foreign Patent Documents**

Examiner Initial	Cite No. <sup>1</sup>	Foreign Patent Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
I						<input type="checkbox"/>
J						<input type="checkbox"/>
K						<input type="checkbox"/>

**Non Patent Literature Documents**

Examiner Initial	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	L	OSAMU HOSHUYAMA and AKIHIKO SUGIYAMA, "A Robust Generalized Sidelobe Canceller with a Blocking Matrix Using Leaky Adaptive Filters", Electronics and Communications in Japan, Part 3, Vol. 80, 1997 pages 56 - 65
	M	LUCAS PARRA and CHRISTOPHER ALVINO, "Geometric Source Separation: Merging Convulsive Source Separation With Geometric Beamforming", Sarnoff Corporation
	N	SHOKO ARAKI, SHOJI MAKINO, RYO MUKAI and HIROSHI SARUWATARI, "Equivalence Between Frequency Domain Blind Source Separation and Frequency Domain Adaptive Null Beamformers", NTT Communication Science Laboratories

Examiner Signature	Date Considered
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Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.